UI-5240RE-M-HQ Rev.2 (AB00035)

Discontinued
The model has been discontinued.

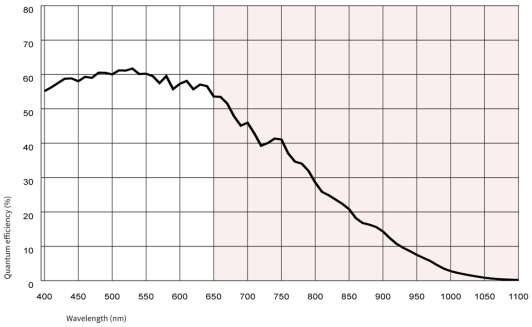




Specification

Sensor

Sensor type	CMOS Mono
Shutter	Global Shutter / Rolling shutter / Global Start Shutter
Sensor characteristic	Linear
Readout mode	Progressive scan
Pixel Class	1.3 MP
Resolution	1.31 Mpix
Resolution (h x v)	1280 x 1024 Pixel
Aspect ratio	5:4
ADC	10 bit
Color depth (camera)	12 bit
Optical sensor class	1/1.8""
Optical Size	6.784 mm x 5.427 mm
Optical sensor diagonal	8.69 mm (1/1.84")
Pixel size	5.3 µm
Manufacturer	e2v
Sensor Model	EV76C560ABT
Gain (master/RGB)	4x/-
AOI horizontal	same frame rate
AOI vertical	increased frame rate
AOI image width / step width	16 / 4
AOI image height / step width	4 / 2
AOI position grid (horizontal/vertical)	2 / 2
Binning horizontal	same frame rate
Binning vertical	same frame rate
Binning method	M/C automatic
Binning factor	2
Subsampling horizontal	-
Subsampling vertical	-
Subsampling method	-
Subsampling factor	-



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Model

Pixel clock range	7 MHz - 71 MHz
Frame rate freerun mode	50
Frame rate trigger (maximum)	48
Exposure time (minimum - maximum)	0.009 ms - 2000 ms
Power consumption	2.2 W - 2.9 W
Image memory	60 MB
Special features	Linescan mode, Scaler, Sequencer, Log mode, Sensor hot pixel correction, Fine exposure, Multi-AOI

Ambient conditions

The temperature values given below refer to the outer device temperature of the camera housing.

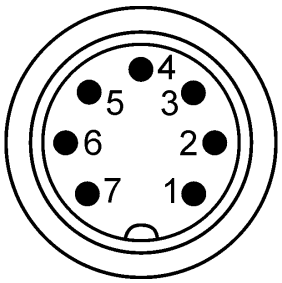
Device temperature during operation	0 °C - 55 °C / 32 °F - 131 °F
Device temperature during storage	-20 °C - 60 °C / -4 °F - 140 °F
Humidity (relative, non-condensing)	0 % - 100 %

Connectors

Interface connector	GigE RJ45, screwable
I/O connector	7-pin Binder connector (Binder series 712: 09-0423-020-07)
Power supply	12 V - 24 V

Pin assignment I/O connector

1	Trigger input with optocoupler (+)
2	Power supply (VCC)
3	Shielding
4	Ground (GND)
5	Flash output with optocoupler (+)
6	Flash output with optocoupler (-)
7	Trigger input with optocoupler (-)

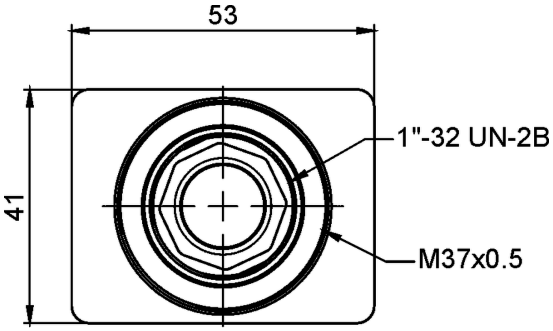


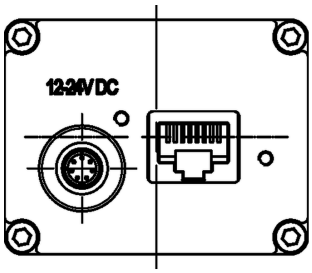
Camera rear view

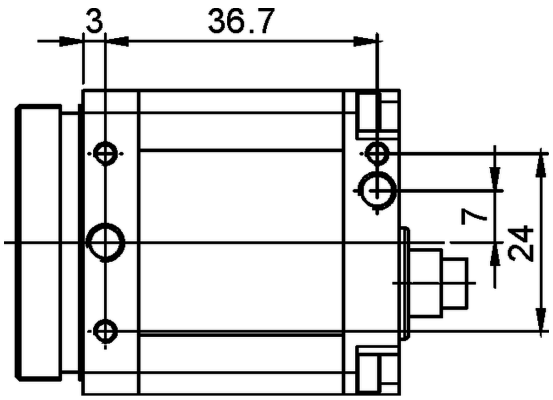
Design

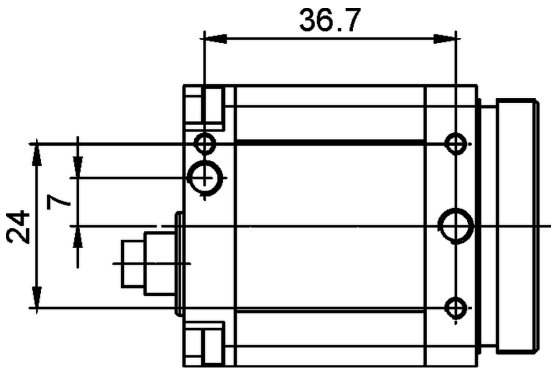
Lens Mount	C-Mount
IP code	IP65/67
Dimensions H/W/L	41.0 mm x 53.0 mm x 42.7 mm
Mass	175 g

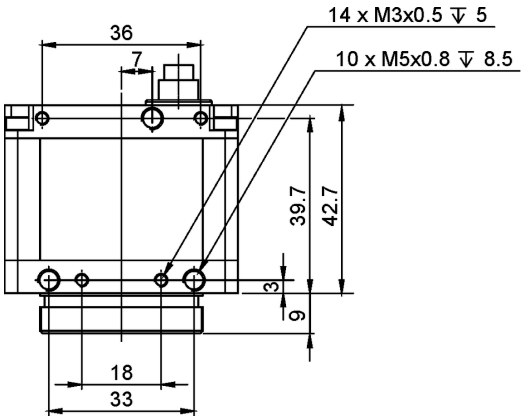
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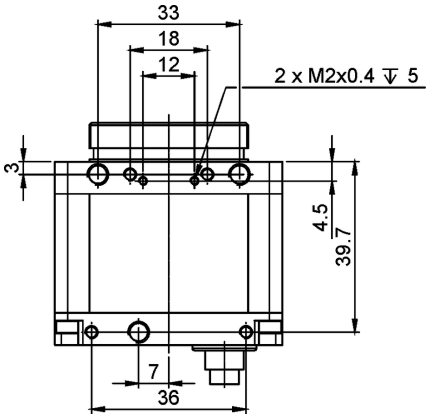












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